



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/590423

Applicant (s)

William E. Mickols, et al.

Filed

August 23, 2006

TC/A.U.

N/A

Examiner

N/A

Title

APPARATUS FOR TREATING SOLUTIONS OF HIGH

**OSMOTIC STRENGTH** 

Docket No.

63549A

Customer No.

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## INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO/SB/08a. A concise explanation of the relevancy of any non-English language patent(s) and/or publication(s) for which no translation is provided is as follows: The three Japanese patents are represented by Patent Abstracts in English.

The cited U.S. patents and patent application publications are listed on Form PTO/SB/08a. A copy of the cited foreign patent documents and non-patent literature are enclosed herewith. The Examiner is requested to review each reference and

Appln. No. 10/590423 Information Disclosure Statement dated September 19, 2006

formulate his/her own understanding thereof.

Respectfully submitted,

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JSW/ksw

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Substitute for form 1449/PTO			Complete if Known		
	INFORMATION BIGGI COURT	_	Application Number	10/590423	
	INFORMATION DISCLOSURE	.	Filing Date	August 23, 2006	
	STATEMENT BY APPLICANT	[ ]	First Named Inventor	William E. Mickols	
	(Use as many sheets as/necessary)	90	Art Unit	Not Assigned	
	(000 00) 0.1010 19.100001.,,	25	Examiner Name	Not Assigned	
Sheet	1 of 3	200	Attorney Docket Number	63549A	
Sheet	1 of 3	3	Examiner Name	Not Assigned	

Examiner Cite Document Number Initials* No.1 Number-Kind Code2	(if known) January 21, 2003	NT DOCUMENTS  Name of Patentee or Applicant of Cited Document  Ata M. Hassan	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials* Cite No.1 Number-Kind Code2	(if known) January 21, 2003	Cited Document	
Number-Kind Code <sup>2</sup>	(if known) January 21, 2003	Ata M. Hassan	•
	· ·	Ata M. Hassan	
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US-2003-0205520	November 6, 2003	Jon E. Johnson	
US4,046,685	September 6, 1977	Donald T. Bray	

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Substit	itute for form 1449/PTO			Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			DIGGL COURT	Application Number	10/590423		
			DISCLOSURE	Filing Date	August 23, 2006		
			Y APPLICANT	First Names Inventor	William E. Mickols		
(Use as many sheets as necessary)			Art Unit	Not Assigned			
		Examiner Name	Not Assigned				
Sheet	2	of	3	Attorney Docket Number	63549A		

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Country Code <sup>3</sup> – Number-Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD- YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т6
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-		JP 2001321641	November 20, 2001	Toray Ind. Inc.		
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INF	ORMATION	DISCLOS	SURE STATEMENT	Application Number	10/590423	
				Filing Date	August 23, 2006	
	B	Y APPLIC	JANI	First Named Inventor	William E. Mickols	
	(Use as	many sheets	as necessary)	Art Unit	Not Assigned	
				Examiner Name	Not Assigned	
Sheet	3	of	3	Attorney Docket Number	63549A	

		NON DATENT LITERATURE DOCUMENTS		
Examiner	Cite	NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine,	т6	
Initials*	No. <sup>1</sup>	journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
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Examiner	1	Date	$\equiv$	
Signature		Considered		

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<sup>1</sup>Applicant's unique citation designation number (option). <sup>2</sup>Applicant is to place a check mark here in English language Translation is attached.

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